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PTO/SB/21 (modified)  
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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence during pendency of filed application)</i>		U.S. Department of Commerce Patent and Trademark Office	Application Number	09/526,980
			Filing Date	March 15, 2000
			First Named Inventor	Peter Newman
			Group Art Unit Number	2155
			Examiner Name	David Y. Eng
Total Number of Pages in This Submission	7*		Attorney Docket Number	21816-04467

ENCLOSURES (check all that apply)	
<input checked="" type="checkbox"/> Fee Transmittal Form (in duplicate) <input checked="" type="checkbox"/> Check Enclosed <input checked="" type="checkbox"/> Return Receipt Postcard <input type="checkbox"/> Response to Notice to File Missing Parts <input type="checkbox"/> Assignment & Recordation Cover Sheet <input type="checkbox"/> Declaration <input type="checkbox"/> Power of Attorney <input type="checkbox"/> Application Data Sheet <input checked="" type="checkbox"/> Information Disclosure Statement & PTO/SB/08A <input checked="" type="checkbox"/> Copies of IDS Cited References <input type="checkbox"/> Request for Corrected Filing Receipt  <input type="checkbox"/> Request for Correction of Recorded Assignment <input type="checkbox"/> Amendment/Response: [ ] Page(s) <input type="checkbox"/> After Final <input type="checkbox"/> Status Request <input type="checkbox"/> Revocation and Substitute Power of Attorney	<input type="checkbox"/> Issue Fee Transmittal <input type="checkbox"/> Letter to Chief Draftsperson <input type="checkbox"/> Formal Drawing(s): [ ] Sheet(s) of Figure(s) [ ] <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> After Allowance Communication to Group <input checked="" type="checkbox"/> Letter regarding supplemental translation of Japanese patent reference, with copy of English translation  <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
REMARKS: * Total Number of Pages in This Submission does not include cited reference.	

SIGNATURE OF ATTORNEY OR AGENT			
Signature:			
Attorney/Reg. No.:	Sabra-Anne Truesdale, Reg. No. 55,687	Dated:	4-1-05

CERTIFICATE OF MAILING			
I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.			
Signature:			
Typed or Printed Name:	Sabra-Anne Truesdale	Dated:	4-1-05
Express Mail Mailing Number (optional):			

**for FY 2005**

Patent fees are subject to annual revision.

Application Number **09/526,980**

Filing Date	March 15, 2000
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First Named Inventor	Peter Newman
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Examiner Name	David Y. Eng
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Art Unit	2155
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**Attorney Docket No. 21816-04467**

☒ Applicant claims small entity status. See 37 CFR 1.27

<b>TOTAL AMOUNT OF PAYMENT</b>	<b>(\$)</b> 180.00
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**FEE CALCULATION** (continued)

**Deposit Account Number**

19-2555

**Deposit Account Name**

Fenwick &amp; West LLP

**The Commissioner is authorized to:** *(check all that apply)*

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### 1. BASIC FILING FEE

[illegible]

Fee	Fee	Fee	Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		

<b>SUBTOTAL (1)</b>	<b>(\$)</b>
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## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/>	-20**=	<input type="text"/>	X	<input type="text"/>	= <input type="text"/>
Independent Claims	<input type="text"/>	-3**=	<input type="text"/>	X	<input type="text"/>	= <input type="text"/>
Multiple Dependent					<input type="text"/>	= <input type="text"/>

Large Entity		Small Entity		<u>Fee Description</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>	
1202	50	2202	25	Claims in excess of 20
1201	200	2201	100	Independent claims in excess of 3
1203	360	2203	180	Multiple dependent claim, if not paid
1204	200	2204	100	**Reissue independent claims over original patent
1205	50	2205	25	**Reissue claims in excess of 20 and over original patent

<b>SUBTOTAL (2)</b>	<b>(\$)</b>
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\*\*or number previously paid, if greater; For Reissues, see above

### 3. ADDITIONAL FEES

## Large Entity

### Small Entity

### Fee Description

**Fee Paid**

Fee Code	Fee (\$)	Fee Code	Fee (\$)
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1051	130	2051	65	Surcharge - late filing fee or oath or declaration
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	2053	130	Non-English specification
1812	2,520	2182	2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	2184	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	2185	1,840*	Requesting publication of SIR after Examiner action
1251	120	2251	60	Extension for reply within first month
1252	450	2252	225	Extension for reply within second month
1253	1020	2253	510	Extension for reply within third month
1254	1,590	2254	795	Extension for reply within fourth month
1255	2,160	2255	1,080	Extension for reply within fifth month
1401	500	2401	250	Notice of Appeal
1402	500	2402	250	Filing a brief in support of an appeal
1403	1000	2403	500	Request for oral hearing
1451	1,510	2451	1,510	Petition to institute a public use proceeding
1452	500	2452	250	Petition to revive - unavoidable
1453	1,500	2453	750	Petition to revive - unintentional
1501	1,400	2501	700	Utility issue fee (or reissue)
1502	800	2502	400	Design issue fee
1503	1100	2503	550	Plant issue fee
1460	—	2460	—	Petitions to the Director
1807	50	21807	50	Processing fee for Provisional Applications
1806	180	21806	180	Submission of Information Disclosure Stmt
8021	40	28021	40	Recording each patent assignment per property (times number of properties)
1809	790	21809	395	Filing a submission after final rejection (37 CFR 1.129(a))
1810	790	21810	395	For each additional invention to be examined (37 CFR 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	2802	900	Request for expedited examination of a design application

Other fee (specify) \_\_\_\_\_

<b>SUBTOTAL (3)</b>	<b>(\$)</b> 180.00
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## SUBMITTED BY

Name (Print/Type)

**Sabra-Anne Truesdale**

Registration No.  
(Attorney/Agent)

55 687

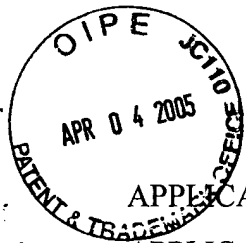
Complete (if applicable)

Telephone (650) 335-7187

**Signature**

Date \_\_\_\_\_

21816/04467/DOCS/1514994.1



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Peter Newman and Pawan Goyal  
APPLICATION NO.: 09/526,980  
FILING DATE: March 15, 2000  
TITLE: Enabling a Service Provider to Provide Intranet Services  
EXAMINER: David Y. Eng  
GROUP ART UNIT: 2155  
ATTY. DKT. NO.: 21816-04467

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated: 4-1-05 By: Sabra-Anne Truesdale  
Sabra-Anne Truesdale, Reg. No. 55,687

MAIL STOP ISSUE FEE  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

**SUPPLEMENTAL TRANSLATION OF PRIOR ART REFERENCE**

SIR:

Enclosed please find a complete English translation of Japanese Patent Publication 64-002145. A copy of the Japanese patent publication, together with an English abstract, was previously submitted with an Information Disclosure Statement and PTO/SB/08A on February 9, 2005.

Respectfully submitted,  
Peter Newman and Pawan Goyal

Dated: 4-1-05 By: Sabra-Anne Truesdale  
Sabra-Anne Truesdale, Reg. No. 55,687  
Fenwick & West LLP  
Silicon Valley Center  
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Tel.: (650) 335-7187  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Peter Newman and Pawan Goyal  
APPLICATION NO.: 09/526,980  
FILING DATE: March 15, 2000  
TITLE: Enabling a Service Provider to Provide Intranet Services  
EXAMINER: David Y. Eng  
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MAIL STOP ISSUE FEE  
COMMISSIONER FOR PATENTS  
P.O. BOX 1450  
ALEXANDRIA, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☐ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the mailing

21816/04467/DOCS/1514988

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**PATENT**

date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
  - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
  - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☒ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
  - ☒ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
    - ☐ each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement;
    - ☒ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated

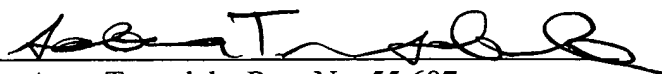
under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

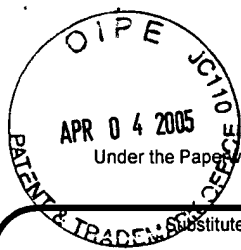
- ☒ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☒ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. \_\_\_\_\_, filed on \_\_\_\_\_, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☐ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☐ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,  
Peter Newman and Pawan Goyal

Dated: 4-1-05

By:   
Sabra-Anne Truesdale, Reg. No. 55,687  
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Silicon Valley Center  
801 California Street  
Mountain View, CA 94041  
Tel.: (650) 335-7187  
Fax.: (650) 938-5200



<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Complete if Known</b>	
				Application No.	09/526,980
				Filing Date	March 15, 2000
				First Named Inventor	Peter Newman
				Art Unit	2155
				Examiner Name	David Y. Eng
Sheet	1	of	1	Attorney Docket Number	21816-04467

U.S. PATENT DOCUMENTS				
Examiner Initials*	Cite No.	Document No. Number – Kind Code <sup>2</sup> (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document

FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> – Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T <sup>6</sup>

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T <sup>6</sup>
	C1	MITRA, Debasis et al., “Hierarchical Virtual Partitioning: Algorithms for Virtual Private Networking,” Bell Labs Technical Journal, Spring, 1997, <a href="http://cm.bell-labs.com/cm/ms/who/mitra/papers/globe.ps">http://cm.bell-labs.com/cm/ms/who/mitra/papers/globe.ps</a> .			

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.  
Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.